



Technical Service Bulletin

27 Repair Authorization - MY 24 BSG, Electrical Warning, DTC U046900 + B200096

27 24 67 2072960/2 March 5, 2024. Supersedes Technical Service Bulletin Group 27 number 24-66 dated February 9, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A6 allroad, S6, RS 6, A7, S7, RS 7, A8, S8, Q7, SQ7, Q8, SQ8, and RS Q8	2024	All	Battery Starter Generator

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Updated Control Modules) Revised <i>Condition</i> (Revised DTC Entries)
1	02/10/2024	Initial publication

Customer states:

A yellow or red Electrical Supply warning is displayed in the instrument cluster.



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Figure 1: Cluster Warning Message.

Workshop findings:

One or more of the following DTCs may be stored in the Engine Electronics, -J623- (address word 0001) and/or the Starter Generator, C29 (address word 00CC):

Engine Electronics, 0001:

- **U046900:** Invalid Data Received From Starter / Generator Control Module – (Symptoms: 36564 / 34763 / 26950)
- **U002900:** Sensor/Hybrid CAN
- **U002800:** Sensor/Hybrid CAN

Starter Generator, 00CC:



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- **B200096:** Faulty Control Module
- **B200045:** Faulty Control Module
- **B18F9F0:** Phase Current 1 Too High
- **B18F9F1:** Phase Current 2 Too High
- **B18F9F2:** Phase Current 3 Too High

Technical Background

In an effort to gain information on the DTC codes for the vehicles listed above, we are asking that you contact the Audi Technical Assistance Center (TAC) before replacing any parts. This will assist us in diagnosing any potential issues with the condition noted above.

Production Solution

No changes to production have been made, as no issue has been identified.

Service

Audi of America is requesting your cooperation in supplying us with technical information regarding this condition.

- Verify the condition and document with images of the cluster.
- Identify the hardware part number in diagnostic address CC. Identify if the part number is either 4N1.903.028, 4N1.903.028.B or 4N0.903.028.S.
- If the vehicle is within the New Vehicle Limited Warranty, contact a TAC consultant before proceeding. Please attach the DTC, diagnostic log with the test plan faults performed, and picture of the warning displayed in the cluster as shown in **Figure 1** to the TAC ticket.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All parts and service references provided in this TSB (**2072960**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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